

<b>INFORMATION DISCLOSURE CITATION</b>  <b>PTO-1449</b>				<b>Complete If Known</b>			
Sheet	1	of	2	<b>Application Number</b>	10/721,905		
				<b>Filing Date</b>	November 26, 2003		
				<b>First Named Inventor</b>	Ludwig et al.		
				<b>Art Unit</b>	2153		
				<b>Examiner Name</b>	Strange, Aaron		
				<b>Attorney Docket Number</b>	63330-5011-US		

<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials	Cite No.	Document Number Number - Kind Code <sup>1</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date if Appropriate
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Sub- class	Translation
		Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> (if known)					Yes
<b>OTHER NON PATENT LITERATURE DOCUMENTS</b>							
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					
		Lichty, Tom, "America Online Tour Guide", Macintosh Edition, Version 2, Title Page, Copyright Page, Foreword, xviii, pages 5-6, 24-44, 67, 69, 70-72, 229-253, 297-298, 373, 375-376, and 388, Ventana Press, 1992.					
		Ludwig, Lester, "A Threaded/Flow Approach to Reconfigurable Distributed Systems and Service Primitives Architectures," Frontiers in Computer Communications Technology, Sigcom '87 Workshop (Aug. 11-13, 1987).					
		Ludwig et al., "Laboratory For Emulation and Study of Integrated and Coordinated Media Communication," Bell Communications Research, 1988.					
		Ludwig, Lester F., "Integration of CAD/CAE with Multimedia Teleconferencing and Messaging Via Broadband Networks and Shared Resource Servers," Bell Communications Research, 1990.					
		Maeno, K., et al., "Distributed Desktop Conferencing System (MERMAID) Based on Group Communication Architectures," IEEE, ICC '91 CH2984-3/91/0000-0520, pp. 0520-0525.					
		Masaki, S., et al. "Multimedia Handling Scheme in a Groupware System for B-ISDN," Globecom '92 Pages 747-750, Dec. 1992.					
		Miller et al., "News on Demand for Multimedia Networks", Aug. 1993, In: Proceedings of the First ACM International Conference on Multimedia					
		Naganawa et al., "A Study of Audio Communication Devices for ISDN," IEEE Transactions of Consumer Electronics, IEEE Inc. New York, Vol. 36, No. 3, August 1, 1990, p. 753-757.					
		Nakamura, et al., "Personal Multimedia Teleconferencing Terminal," IEEE, 1990.					
		Ohkubo, M., et al., "Design and implementation of a shared workspace by integrating individual workspaces," Conferencing on Supporting Group Work Proceedings of the conference on Office information systems, pp. 142-146, 1990.					

Examiner Signature	1-PA/3684376.1	Date Considered
--------------------	----------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>2</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.S./**

INFORMATION DISCLOSURE CITATION				Complete If Known	
				<b>Application Number</b>	10/721,905
				<b>Filing Date</b>	November 26, 2003
				<b>First Named Inventor</b>	Ludwig et al.
				<b>Art Unit</b>	2153
				<b>Examiner Name</b>	Strange, Aaron
Sheet	2	of	2	Attorney Docket Number	63330-5011-US

	Pagani, et al., "Bringing Media Spaces into the Real World", Proceedings of the 3rd European Conference on Computer-Supported Cooperative Work 1993
	Pascoe, R.A., "Interactive Computer Conference Server" IBM Technical Disclosure Bulletin, vol. 34, No. 7A, Dec. 1991.
	P. V. Rangan and H. M. Vin, "Designing file systems for digital video and audio", 1991, in: Proc. of the Thirteenth ACM Symposium on Operating System Principles, pp. 81-94.
	Rangan et al. "Media synchronization in distributed multimedia file systems," Multimedia Communications, 1992 pp. 315-328.
	P. V. Rangan et al., "Designing an On-Demand Multimedia Service", July 1992, IEEE Communications Magazine, Vol. 30, No. 7, pp. 56-65.
	Reinhardt, Andy, "Video Conquers the Desktop," Byte, Sept. 1993, p. 64-80.
	Rowe, L. and Smith, Bb, "A Continuous Media Player", November 1992, In: Proc. 3 <sup>rd</sup> Int. Workshop on Network and Operating System Support for Digital Audio and Video, pp 376-386.
	Sammartino et al., "Desktop Multimedia Communications – Breaking the Chains," IEEE, 1991.
	Saunders, S., "Economical Video Network Uses Unshielded Twisted-Pair Wiring," Data Communications, McGraw Hill., New York, vol. 19, No. 10, pg. 103-104, August 1, 1990.
	Schooler, Eve M., "A Distributed Architecture for Multimedia Conference Control," ISI/RR-91-289, USC/Information Sciences Institute, November 1991
	Schooler, Eve M., Steven L. Casner, "A Packet-switched Multimedia Conferencing System," ACM SIGOIS Bulletin, Vol. 1, No. 1, pp. 12-22, January 1989.
	Shepherd, et al., "Strudel-An Extensible Electronic Conversation Toolkit", Proceedings of the Conference on Computer-Supported Cooperative Work, Oct. 1990.
	Stevens, A. I., "The LOTUS Open Message Interface," Dr. Dobbs Journal, March, 1992.
	Swinehart, Daniel C. "Systems Support Requirements for Multi-Media Workstations," Xerox PARC, CSL-89-2, 1989.
	Swinehart, Daniel C. "Telephone Management in the Etherphone System," Xerox PARC, CSL-89-2, May 1989.
	Tanigawa, H., et al. "Personal Multimedia-Multipoint Teleconference System," Proc. IEEE INFOCOM '91, pages 1127-1134, 1991.
	Terry and Swinehart, "Managed Stored Voice in the Etherphone System," Xerox PARC, CSL-89-2, 1989.
	The Challenges of Networking Video Applications, Starlight Networks, Inc., February 1992.
	Velthuijsen, Hugo, "Distributed Artificial 1-19 intelligence for runtime feature-interaction resolution," Computer, vol. 26, No. 8, August 1993, p. 48-55
	Watabe, K., et al., "Distributed Multiparty Desktop Conferencing System: MERMAID," CSCW 90 Proceedings, pp.27-38, October 1990.
	Zellweger, "Active Paths through Multimedia Documents," Xerox PARC, CSL-89-2, 1989.

Examiner Signature	1-PA/3684376.1 /Aaron Strange/	Date Considered	03/14/2008
-----------------------	-----------------------------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>2</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.S./